

In the Claims:

Claims 1 to 8 (Canceled).

1 9. (New) An agitator which is set within a vessel having a
2 bottom and a circumferential wall rising from the
3 circumference of the bottom, is attachably and detachably
4 mounted on a supporting member extending downward on an
5 agitating device, makes rotation and/or revolution in
6 relation to the vessel due to rotation of at least either
7 the supporting member or the vessel to agitate a material
8 in the vessel, said agitator comprising

9 at least three biased agitating blades arranged to
10 contact a virtual sphere or a virtual circumferential face
11 of a virtual cylinder, wherein the virtual sphere is
12 centered on and surrounds, or the virtual cylinder extends
13 axially on and surrounds, a vertically extending virtual
14 central axis,

15 each of said biased agitating blades being provided
16 with a penetrating window,

17 one end in the circumferential direction of the
18 central axis of each of said biased agitating blade resting
19 on an inner face facing the central axis of an adjoining
20 biased agitating blade on said one side in the
21 circumferential direction of the central axis, the other

22 end thereof in the circumferential direction of the central
23 axis protruding to back away from the central axis than an
24 adjoining agitating blade on the other side in the
25 circumferential direction of the central axis, and

26 the adjoining agitating blades being separably
27 connected to each other.

1 10. (New) The agitator according to claim 9, wherein the at
2 least three biased agitating blades are arranged to contact
3 the virtual sphere.

1 11. (New) The agitator according to claim 9, wherein the at
2 least three biased agitating blades are arranged to contact
3 the virtual circumferential face of the virtual cylinder.

1 12. (New) The agitator according to claim 9, wherein the
2 agitator is provided with a connecting member, which is
3 detachably and attachably mounted on the supporting member
4 of the agitating device, and the biased agitating blades
5 are separably connected to the connecting member.

1 13. (New) The agitator according to claim 9, wherein the
2 agitator is provided, in the lower part or on the lower
3 side thereof, with plate-type radial agitating blades, of
4 which end edges are substantially aligned with the central
5 axis and which extend in radial directions of the central
6 axis and are provided with penetrating windows, and the

7 radial agitating blades are separably connected to the
8 biased agitating blades.

1 **14.** (New) The agitator according to claim 13, wherein the
2 spacing between the frames of each window of the biased
3 agitating blades is greater than the spacing between the
4 frames of each window of the radial agitating blades.

1 **15.** (New) The agitator according to claim 13, wherein the
2 agitator is provided, on at least either the biased
3 agitating blades or the radial agitating blades, with a
4 coil spring compressively mounted between window frames.

1 **16.** (New) The agitator according to claim 9, wherein the
2 agitator is provided, on the biased agitating blades, with
3 a coil spring compressively mounted between window frames.

1 **17.** (New) A combination of the agitator according to claim 9
2 and an agitating device, comprising

3 the agitating device having a supporting member
4 extending downward,

5 a vessel having a bottom and a circumferential wall
6 rising from the circumference of the bottom, said vessel
7 being mounted on the agitating device, and

8 the agitator being attachably and detachably mounted
9 on the supporting member of the agitating device,

10 wherein the agitator is adapted to rotate and/or
11 revolve in relation to the vessel due to rotation of at

12 least either the supporting member or the vessel so as to
13 agitate a material in the vessel.

1 **18.** (New) A combination of a plurality of the agitators
2 according to claim 9 and an agitating device, comprising
3 the agitating device having a plurality of supporting
4 members extending downward, said supporting members having
5 their rotation axes or revolution axes kept substantially
6 parallel,

7 a vessel having a bottom and a circumferential wall
8 rising from the circumference of the bottom, said vessel
9 being mounted on the agitating device, and

10 the plurality of agitators being attachably and
11 detachably mounted respectively on the supporting members
12 of the agitating device,

13 wherein the agitators are adapted to rotate and/or
14 revolve in relation to the vessel due to rotation of at
15 least either the supporting members or the vessel so as to
16 agitate a material in the vessel.

[REMARKS FOLLOW ON NEXT PAGE]